

Mouse Cbx5 Antibody (C-term)

Catalog_no :	AB1889
Applications :	WB
Reactivity :	M
Category :	抗原抗体
Size :	100μL/50μL
Immunogen :	MOUSE:160-186
Specificity :	This Mouse Cbx5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 160-186 amino acids from the C-terminal region of mouse Cbx5.
Dilution :	WB,1:1000;
Purification :	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Other_name :	Chromobox protein homolog 5, Heterochromatin protein 1 homolog alpha, HP1 alpha, Cbx5, Hp1a
Isotype :	Rabbit Ig
Background :	Component of heterochromatin that recognizes and binds histone H3 tails methylated at 'Lys-9' (H3K9me), leading to epigenetic repression. In contrast, it is excluded from chromatin when 'Tyr-41' of histone H3 is phosphorylated (H3Y41ph). Can interact with lamin-B receptor (LBR). This interaction can contribute to the association of the heterochromatin with the inner nuclear membrane. Involved in the formation of functional kinetochore through interaction with MIS12 complex proteins (By similarity).
reference :	Sun, Y., et al. Biophys. J. 99(4):1274-1283(2010) Muller, K.P., et al. Biophys. J. 97(11):2876-2885(2009) Dong, K.B., et al. EMBO J. 27(20):2691-2701(2008) Villeneuve, L.M., et al. Proc. Natl. Acad. Sci. U.S.A. 105(26):9047-9052(2008) Brancorsini, S.